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PATENT

Atty. Docket No. DX01052K1

on December 13, 2002.

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By: [Signature]
Lois Miller

DEC 27 2002

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

A. Neil BARCLAY, et al.

Serial No.: 10/009,445

IA Filing Date: May 11, 2000

For: MAMMALIAN PROTEINS;
RELATED REAGENTS AND
METHODS

Examiner: not yet assigned

Art Unit: not yet assigned

**INFORMATION DISCLOSURE
STATEMENT**

Palo Alto, California 94304

December 13, 2002

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

The materials as listed in the attached modified PTO 1449 form are brought to the Examiner's attention pursuant to the duty of disclosure under 37 C.F.R. § 1.56, § 1.97, and § 1.98. Also enclosed is the PCT Search Report, dated November 7, 2000, in connection with this matter. "X" references cited in this search report are listed in the attached PTO 1449 form.

Citation of these documents should not be construed as a representation that the documents are in fact material or are in fact prior art with respect to the instant invention. The Examiner should not make any inference relating to the relative pertinence of cited references based upon the order in which the art is presented. Citation of these documents should not be construed as a representation that an exhaustive search has been made or that more pertinent art may not be in existence.


PATENT

Applicants request that the Examiner fully consider the art cited in the attached modified PTO 1449 form. Applicants further request that the Patent and Trademark Office list all such art on the front of any patent issuing from this application.

Since this Information Disclosure Statement is being filed before receiving the first Office action, applicants believe no fee is required for filing this document; however, if such a fee is required the Commissioner is hereby authorized to charge DNAX Research Institute's Deposit Account No. 04-1239.

Respectfully submitted,

December 13, 2002

By: 
Sheela Mohan-Peterson
Attorney for Applicants
Reg. No. 41,201

Enclosures: Modified PTO 1449 form (2 pages)
PCT Search Report, dated November 7, 2000 (10 pages)
References AA - AQ (17 refs.)

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Sheet 1 of 2

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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.:

SERIAL NO.:

DX01052K1

10/009,445

APPLICANT:

A. Neil BARCLAY, et al.

IA FILING DATE:

GROUP:

May 11, 2000

Not yet assigned

INFORMATION DISCLOSURE STATEMENT
FOR PATENT

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
	AA WO 00/06698	2/10/00	PCT			X

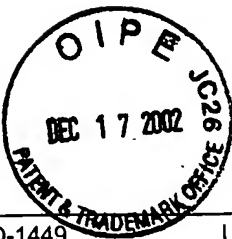
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AB	Alexander B.H. Bakker, et al., <u>Proc Natl Acad Sci, USA</u> , 96(17):9792-9796, August 17, 1999. "Myeloid DAP-12-associating lectin (MDL)-1 is a cell surface receptor involved in the activation of myeloid cells"
AC	J. Fernando Bazan, et al., <u>NATURE</u> , 379:591, February 15, 1996. "A newly defined interleukin-1?"
AD	Frank Borriello, et al., <u>J Immunol</u> , 158(10):4548-4554, May 15, 1997. "MRC OX-2 defines a novel T cell costimulatory pathway"
AE	Frank Borriello, et al., <u>Mamm Genome</u> , 9(2):114-118, February 1998. "Characterization and localization of Mox2, the gene encoding the murine homolog of the rat MRC OX-2 membrane glycoprotein"
AF	Kerry S. Campbell & Marco Colonna, <u>Int J Biochem Cell Biol</u> , 31(6):631-636, June 1999. "DAP12 a key accessory protein for relaying signals by natural killer cell receptors"
AG	Irwin M. Chaiken & William V. Williams, <u>Trends Biotechnol</u> , 14(10):369-375, October 14, 1996. "Identifying structure-function relationships in four-helix bundle cytokines: towards de novo mimetics design"
AH	Pierre Gosselin, et al., <u>J Leukoc Biol</u> , 66(1):165-171, July 1999. "Induction of DAP12 phosphorylation, calcium mobilization, and cytokine secretion by Ly49H"
AI	Joan K. Heath, et al., <u>Proc Natl Acad Sci U S A</u> , 94(2):469-474, January 21, 1997. "The human A33 antigen is a transmembrane glycoprotein and a novel member of the immunoglobulin superfamily"
AJ	Jeffrey M. Herz, et al., <u>J Recept Signal Transduct Res.</u> , 17(5):671-776, September 1997. "Molecular approaches to receptors as targets for drug discovery"
AK	James N. Ihle, et al., <u>Stem Cells</u> , 15 (Suppl 1):105-11, 1997. "Jaks and Stats in cytokine signaling"
AL	Lewis L. Lanier, et al., <u>Immunity</u> , 8(6):693-701, June 1998. "Association of DAP12 with activating CD94/NKG2C NK cell receptors"

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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Sheet 2 of 2

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FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.: DX01052K1	SERIAL NO.: 10/009,445
INFORMATION DISCLOSURE STATEMENT FOR PATENT (Use several sheets if necessary)				APPLICANT: A. Neil BARCLAY, et al.	
				IA FILING DATE: May 11, 2000	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)					
	AM	Lewis L. Lanier, et al., <u>Nature</u> , 391(6668):703-707, February 12, 1998. "Immunoreceptor DAP12 bearing a tyrosine-based activation motif is involved in activating NK cells"			
	AN	David E. Levy, <u>Cytokine Growth Factor Rev.</u> , 8(1):81-90, March 1997. "The house that JAK/STAT built"			
	AO	Miguel Lopez-Botet & Teresa Bellon, <u>Curr Opin Immunol</u> , 11(3):301-307, June 1999. "Natural killer cell activation and inhibition by receptors for MHC class I"			
	AP	M. Marra, et al., <u>Database EMBL Sequences, Online!</u> , Accession No. AI613766, April 26, 1999. Definition: vh96g05.y1 Barstead mouse myotubes MPLRB5 Mus musculus cDNA clone IMAGE:902168 5', mRNA sequence.			
	AQ	Sandy Preston, et al., <u>Eur J Immunol</u> , 27(8):1911-1918, August 1997. "The leukocyte/neuron cell surface antigen OX2 binds to a ligand on macrophages"			
	AR	Olli Silvennoinen, et al., <u>APMIS</u> , 105(7):497-509, July 1997. "Cytokine receptor signal transduction through Jak tyrosine kinases and Stat transcription factors"			
EXAMINER			DATE CONSIDERED		
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					